

IN THE CLAIMS

Please replace the listing as follows:

Claim 1 (currently amended): A folding cylinder comprising:

a frame having a work-side support and a gear-side support;

at least one expansion segment for providing an effective diameter of the cylinder, the expansion segment being located between the work-side support and the gear-side support and spaced apart from at least one of the work-side support and the gear-side support, the expansion segment being movable so as to be non-evenly depressible over a width of the expansion segment; and

an actuating device for contacting the at least one expansion segment and setting the effective diameter.

Claim 2 (original): The folding cylinder as recited in claim 1 wherein the at least one expansion segment is spaced-apart from both the work-side support and the gear-side support.

Claim 3 (original): The folding cylinder as recited in claim 1 wherein the expansion segment includes an outer section and a plurality of J-shaped brackets connected to the outer section, a first J-bracket being spaced apart from the work-side support and a second J-bracket being spaced apart from the gear-side support.

Claim 4 (original): The folding cylinder as recited in claim 3 wherein an end of the J-shaped brackets located opposite the outer section interacts with eccentrics on a camshaft, a rotational angle of the camshaft being adjustable.

Claim 5 (original): The folding cylinder as recited in claim 1 wherein the frame includes a tie support between the gear-side and work-side supports, and further comprising a plurality of springs on the tie support for forcing the expansion segment radially outwardly.

Claim 6 (original): The folding cylinder as recited in claim 1 further comprising a foam piece in a space between the expansion segment and the at least one of the gear-side and work side supports.

Claim 7 (original): The folding cylinder as recited in claim 2 further comprising foam pieces between the expansion segment and the work-side support and between the expansion segment and the gear side support.

Claim 8 (original): The folding cylinder as recited in claim 3 further comprising a foam piece attached to a side of the first J-bracket.

Claim 9 (currently amended) The folding cylinder as recited in claim 8 wherein the foam piece entirely covers the side of the first J-bracket in its entirety.

Claim 10 (original): The folding cylinder as recited in claim 6 wherein the foam piece includes a friction-reducing coating.

Claim 11 (original): The folding cylinder as recited in claim 1 wherein the cylinder is a pin cylinder of a cross-folder.

Claims 12 and 13 (canceled).

Claim 14 (new): A folding cylinder comprising:

- a frame having a work-side support and a gear-side support;
- at least one expansion segment for providing an effective diameter of the cylinder, the expansion segment being located between the work-side support and the gear-side support and spaced apart from at least one of the work-side support and the gear-side support;
- a foam piece having at least one friction-reducing surface in a space between the expansion segment and the at least one of the gear-side and work-side supports; and

an actuating device for contacting the at least one expansion segment and setting the effective diameter.

Claim 15 (new): The folding cylinder as recited in claim 14 wherein the foam piece has an adhesive located on a side opposite the friction-reducing surface.

Claim 16 (new): The folding cylinder as recited in claim 14 wherein the foam piece is fixed with respect to the expansion segment and movable with respect to the at least one of the gear-side and work-side supports.

Claim 17 (new): The folding cylinder as recited in claim 14 wherein the foam piece includes a friction-reducing coating so as to create the friction-reducing surface.

Claim 18 (new): A folding cylinder comprising:

- a frame having a work-side support and a gear-side support;
- at least one expansion segment for providing an effective diameter of the cylinder, the expansion segment being located between the work-side support and the gear-side support;
- a first foam piece having at least one friction-reducing surface in a space between the expansion segment and the gear-side support;
- a second foam piece having at least one friction-reducing surface in a space between the expansion segment and the work-side support; and
- an actuating device for contacting the at least one expansion segment and setting the effective diameter.